

SEQUENCE LISTING

<110> Narhi, Linda O.
Osslund, Timothy D.

<120> KERATINOCYTE GROWTH FACTOR-2 PRODUCTS

<130> A-423C

<140> PCT US/97/18607

<141> 1997-10-15

<150> US 60/028,493

<151> 1996-10-15

<150> US 60/032,781

<151> 1996-12-06

<150> US 60/033,046

<151> 1996-12-10

<160> 63

<170> PatentIn Ver. 2.0

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ccc ggc tgc tgc tgc tgc tgc ttt ttg ttg ctg ttc ttg gtg tct tcc 96
Pro Gly Cys Cys Cys Cys Phe Leu Leu Leu Phe Leu Val Ser Ser
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gtc cct gtc acc tgc caa gcc ctt ggt cag gac atg gtg tca cca gag 144
Val Pro Val Thr Cys Gln Ala Leu Gly Gln Asp Met Val Ser Pro Glu
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gcc acc aac tct tct tcc tcc tcc ttc tcc tct cct tcc agc gcg gga 192
Ala Thr Asn Ser Ser Ser Ser Phe Ser Ser Pro Ser Ser Ala Gly
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agg cat gtg cgg agc tac aat cac ctt caa gga gat gtc cgc tgg aga 240
Arg His Val Arg Ser Tyr Asn His Leu Gln Gly Asp Val Arg Trp Arg
65 70 75 80
aag cta ttc tct ttc acc aag tac ttt ctc aag att gag aag aac ggg 288
Lys Leu Phe Ser Phe Thr Lys Tyr Phe Leu Lys Ile Glu Lys Asn Gly
85 90 95
aag gtc agc ggg acc aag aag gag aac tgc ccg tac agc atc ctg gag 336
Lys Val Ser Gly Thr Lys Lys Glu Asn Cys Pro Tyr Ser Ile Leu Glu
100 105 110

ata aca tca gta gaa atc gga gtt gtt gcc gtc aaa gcc att aac agc Ile Thr Ser Val Glu Ile Gly Val Val Ala Val Lys Ala Ile Asn Ser 115 120 125	384
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gaa ttt aac aat gac tgt aag ctg aag gag agg ata gag gaa aat gga Glu Phe Asn Asn Asp Cys Lys Leu Lys Glu Arg Ile Glu Glu Asn Gly 145 150 155 160	480
tac aat acc tat gca tca ttt aac tgg cag cat aat ggg agg caa atg Tyr Asn Thr Tyr Ala Ser Phe Asn Trp Gln His Asn Gly Arg Gln Met 165 170 175	528
tat gtg gca ttg aat gga aaa gga gct cca agg aga gga cag aaa aca Tyr Val Ala Leu Asn Gly Lys Gly Ala Pro Arg Arg Gly Gln Lys Thr 180 185 190	576
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35 40 45
Ala Thr Asn Ser Ser Ser Ser Ser Phe Ser Ser Pro Ser Ser Ala Gly
50 55 60
Arg His Val Arg Ser Tyr Asn His Leu Gln Gly Asp Val Arg Trp Arg
65 70 75 80
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85 90 95
Lys Val Ser Gly Thr Lys Lys Glu Asn Cys Pro Tyr Ser Ile Leu Glu
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115 120 125
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130 135 140
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145 150 155 160

Tyr Asn Thr Tyr Ala Ser Phe Asn Trp Gln His Asn Gly Arg Gln Met
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 tcc ttc acc aag tac ttt ctc aag att gaa aag aac ggc aag gtc agc 96
 Ser Phe Thr Lys Tyr Phe Leu Lys Ile Glu Lys Asn Gly Lys Val Ser
 20 25 30
 ggg acc aag aag gaa aac tgt ccg tac agt atc cta gag ata aca tca 144
 Gly Thr Lys Lys Glu Asn Cys Pro Tyr Ser Ile Leu Glu Ile Thr Ser
 35 40 45
 gtg gaa atc gga gtt gtt gcc gtc aaa gcc att aac agc aac tat tac 192
 Val Glu Ile Gly Val Val Ala Val Lys Ala Ile Asn Ser Asn Tyr Tyr
 50 55 60
 tta gcc atg aac aag aag ggg aaa ctc tat ggc tca aaa gaa ttt aac 240
 Leu Ala Met Asn Lys Lys Gly Lys Leu Tyr Gly Ser Lys Glu Phe Asn
 65 70 75 80
 aat gac tgt aaa ctg aaa gag agg ata gag gaa aat gga tac aac acc 288
 Asn Asp Cys Lys Leu Lys Glu Arg Ile Glu Glu Asn Gly Tyr Asn Thr
 85 90 95
 tat gca tct ttt aac tgg cag cac aac ggc agg caa atg tat gtg gca 336
 Tyr Ala Ser Phe Asn Trp Gln His Asn Gly Arg Gln Met Tyr Val Ala
 100 105 110
 ttg aat gga aaa gga gct ccc agg aga gga caa aaa aca aga agg aaa 384
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 35 40 45
 Val Glu Ile Gly Val Val Ala Val Lys Ala Ile Asn Ser Asn Tyr Tyr
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 Leu Ala Met Asn Lys Lys Gly Lys Leu Tyr Gly Ser Lys Glu Phe Asn
 65 70 75 80
 Asn Asp Cys Lys Leu Lys Glu Arg Ile Glu Glu Asn Gly Tyr Asn Thr
 85 90 95
 Tyr Ala Ser Phe Asn Trp Gln His Asn Gly Arg Gln Met Tyr Val Ala
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 Leu Gln Gly Asp Val Arg Trp Arg Lys Leu Phe Ser Phe Thr Lys Tyr
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 ttt ctc aag att gaa aag aac ggc aag gtc agc ggg acc aag aag gaa 144
 Phe Leu Lys Ile Glu Lys Asn Gly Lys Val Ser Gly Thr Lys Lys Glu
 35 40 45
 aac tgt ccg tac agt atc cta gag ata aca tca gtg gaa atc gga gtt 192
 Asn Cys Pro Tyr Ser Ile Leu Glu Ile Thr Ser Val Glu Ile Gly Val
 50 55 60
 gtt gcc gtc aaa gcc att aac agc aac tat tac tta gcc atg aac aag 240
 Val Ala Val Lys Ala Ile Asn Ser Asn Tyr Tyr Leu Ala Met Asn Lys
 65 70 75 80

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 Lys Gly Lys Leu Tyr Gly Ser Lys Glu Phe Asn Asn Asp Cys Lys Leu
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aaa gag agg ata gag gaa aat gga tac aac acc tat gca tct ttt aac 336
 Lys Glu Arg Ile Glu Glu Asn Gly Tyr Asn Thr Tyr Ala Ser Phe Asn
 100 105 110

tgg cag cac aac ggc agg caa atg tat gtg gca ttg aat gga aaa gga 384
 Trp Gln His Asn Gly Arg Gln Met Tyr Val Ala Leu Asn Gly Lys Gly
 115 120 125

gct ccc agg aga gga caa aaa aca aga agg aaa aac acc tcc gct cac 432
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Val Ala Val Lys Ala Ile Asn Ser Asn Tyr Tyr Leu Ala Met Asn Lys
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Lys Gly Lys Leu Tyr Gly Ser Lys Glu Phe Asn Asn Asp Cys Lys Leu
 85 90 95

Lys Glu Arg Ile Glu Glu Asn Gly Tyr Asn Thr Tyr Ala Ser Phe Asn
 100 105 110

Trp Gln His Asn Gly Arg Gln Met Tyr Val Ala Leu Asn Gly Lys Gly
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aat cac ctc cag gga gat gtc cgc tgg aga aag ctg ttc tcc ttc acc 144
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aag tac ttt ctc aag att gaa aag aac ggc aag gtc agc ggg acc aag 192
Lys Tyr Phe Leu Lys Ile Glu Lys Asn Gly Lys Val Ser Gly Thr Lys
                50              55              60

aag gaa aac tgt ccg tac agt atc cta gag ata aca tca gtg gaa atc 240
Lys Glu Asn Cys Pro Tyr Ser Ile Leu Glu Ile Thr Ser Val Glu Ile
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gga gtt gtt gcc gtc aaa gcc att aac agc aac tat tac tta gcc atg 288
Gly Val Val Ala Val Lys Ala Ile Asn Ser Asn Tyr Tyr Leu Ala Met
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aac aag aag ggg aaa ctc tat ggc tca aaa gaa ttt aac aat gac tgt 336
Asn Lys Lys Gly Lys Leu Tyr Gly Ser Lys Glu Phe Asn Asn Asp Cys
                100              105              110

aaa ctg aaa gag agg ata gag gaa aat gga tac aac acc tat gca tct 384
Lys Leu Lys Glu Arg Ile Glu Glu Asn Gly Tyr Asn Thr Tyr Ala Ser
                115              120              125

ttt aac tgg cag cac aac ggc agg caa atg tat gtg gca ttg aat gga 432
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aaa gga gct ccc agg cag gga caa aaa aca aga agg aaa aac acc tcc 480
Lys Gly Ala Pro Arg Gln Gly Gln Lys Thr Arg Arg Lys Asn Thr Ser
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35 40 45
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50 55 60
Lys Glu Asn Cys Pro Tyr Ser Ile Leu Glu Ile Thr Ser Val Glu Ile
65 70 75 80
Gly Val Val Ala Val Lys Ala Ile Asn Ser Asn Tyr Tyr Leu Ala Met
85 90 95
Asn Lys Lys Gly Lys Leu Tyr Gly Ser Lys Glu Phe Asn Asn Asp Cys
100 105 110
Lys Leu Lys Glu Arg Ile Glu Glu Asn Gly Tyr Asn Thr Tyr Ala Ser
115 120 125
Phe Asn Trp Gln His Asn Gly Arg Gln Met Tyr Val Ala Leu Asn Gly
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